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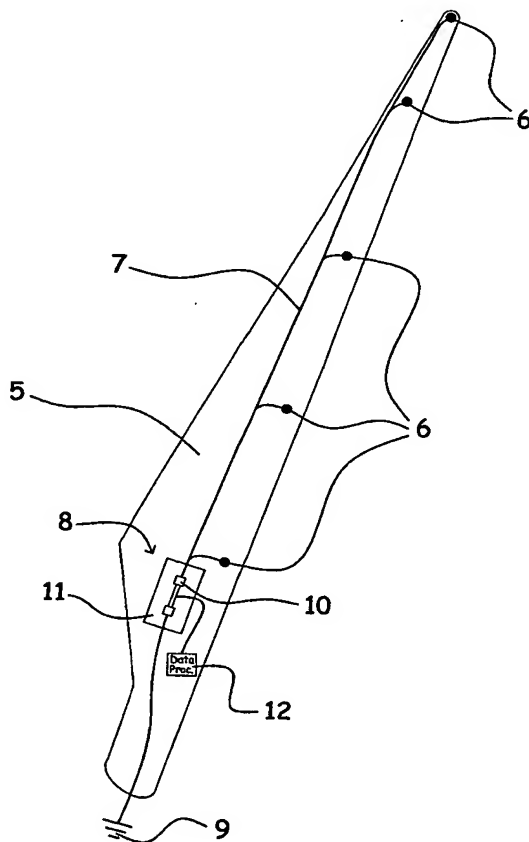
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(54) Title: REGISTRATION OF LIGHTNING STRIKE IN A WIND TURBINE



(57) Abstract: The invention relates to aspects of a method of registering lightning strikes in the blade of a wind turbine, use of such method, a system of exercising the method. The method according to the invention of registering lightning strikes involve that the method comprises that the lightning strike is captured in a receptor arranged in the blade (5) of the wind turbine, and the lightning current is conducted completely or partially through at least one electric resistor (10), thereby heating it, and that it is registered at least that the temperature of the resistor is or was at some point increased. The heating of the electric resistor, ie the increase in temperature, provides simple and reliable registration. This can be extended to also comprise measurement of the amount of energy contained in the lightning current in a very robust and hence very suitable manner for the task. By the invention it is acknowledged that if a lightning current is conducted through a suitable electric resistor, this will "capture" a share of the amount of energy in the same manner as eg an electric radiator or a furnace, ie the resistor is heated by the current as a function of the voltage and the duration and hence of the amount of energy.



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